

52
56 62 68
54 { 58 } 64 } 46
42 { 1,B,S,[],0,1,ND>MetaData>http://neocore.com/docMetaData:MetaData:TimeStamp>
1,N,I,[],0,4,ND>MetaData>http://neocore.com/docMetaData:MetaData:DocID>,c:\testxml\testdoe.xml
1,N,E,[],0,4,ND>MetaData>http://neocore.com/docMetaData:MetaData:SchemaName>,schema
3,N,E,[],0,4,ND>MetaData>http://neocore.com/docMetaData:MetaData:InstructFileName>,ifile
1,N,E,[],0,2,ND>MyHeader>,Header 47 50
44 - 1,N,E,[],0,2,ND>CATALOG>CD>TITLE>,Empire Burlesque 16
66 - 1,N,E,[],5,4,ND>CATALOG>CD>ARTIST>Bob Dylan 48
1,N,E,[],5,4,ND>CATALOG>CD>COUNTRY>,USA
1,N,E,[],5,4,ND>CATALOG>CD>COMPANY>,Columbia
1,N,E,[],5,4,ND>CATALOG>CD>PRICE>,10.90
60 - 2,N,E,[],5,4,ND>CATALOG>CD>YEAR>,1985
1,N,E,[],5,3,ND>CATALOG>CD>TITLE>,Hide your heart
1,N,E,[],11,4,ND>CATALOG>CD>ARTIST>,Bonnie Tylor
1,N,E,[],11,4,ND>CATALOG>CD>COUNTRY>,UK
1,N,E,[],11,4,ND>CATALOG>CD>COMPANY>,CBS Records
1,N,E,[],11,4,ND>CATALOG>CD>PRICE>,9.90
2,N,E,[],11,4,ND>CATALOG>CD>YEAR>,1988
1,N,E,[],5,3,ND>CATALOG>CD>TITLE>,Greatest Hits
1,N,E,[],17,4,ND>CATALOG>CD>ARTIST>Dolly Parton
1,N,E,[],17,4,ND>CATALOG>CD>COUNTRY>,USA
1,N,E,[],17,4,ND>CATALOG>CD>COMPANY>,RCA
1,N,E,[],17,4,ND>CATALOG>CD>PRICE>,9.90
2,N,E,[],17,4,ND>CATALOG>CD>YEAR>,1982
1,N,E,[],5,3,ND>CATALOG>CD>TITLE>,Still got the blues
1,N,E,[],23,4,ND>CATALOG>CD>ARTIST>,Gary More
1,N,E,[],23,4,ND>CATALOG>CD>COUNTRY>,UK
1,N,E,[],23,4,ND>CATALOG>CD>COMPANY>,Virgin Records
1,N,E,[],23,4,ND>CATALOG>CD>PRICE>,10.20
2,N,E,[],23,4,ND>CATALOG>CD>YEAR>,1990

FIG. 2

100

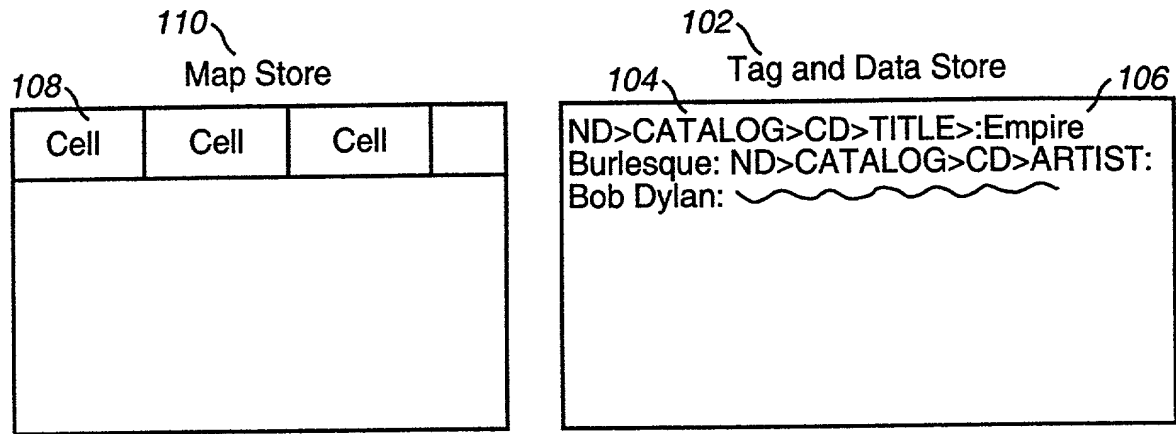


FIG. 3

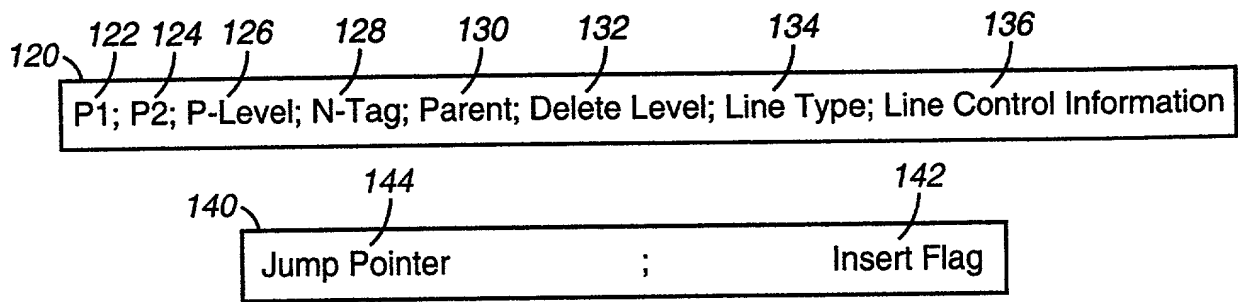
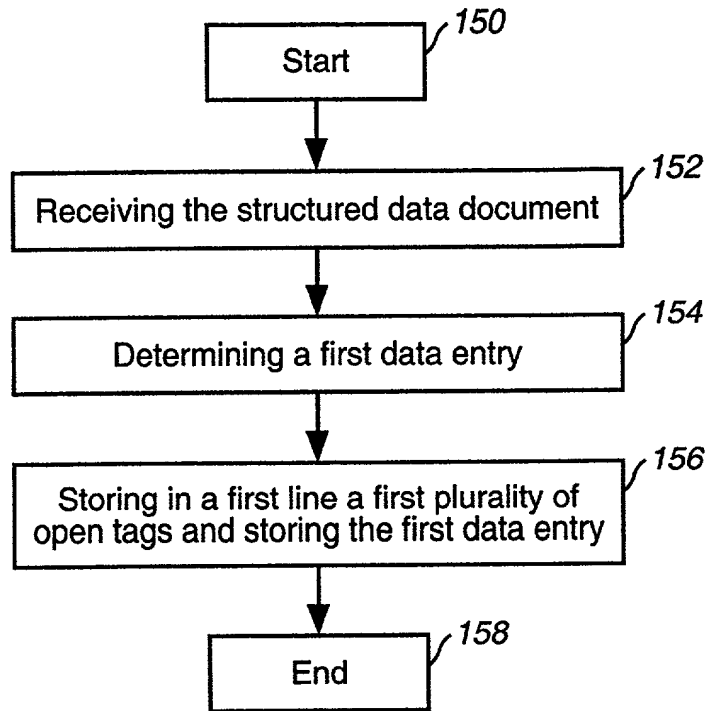
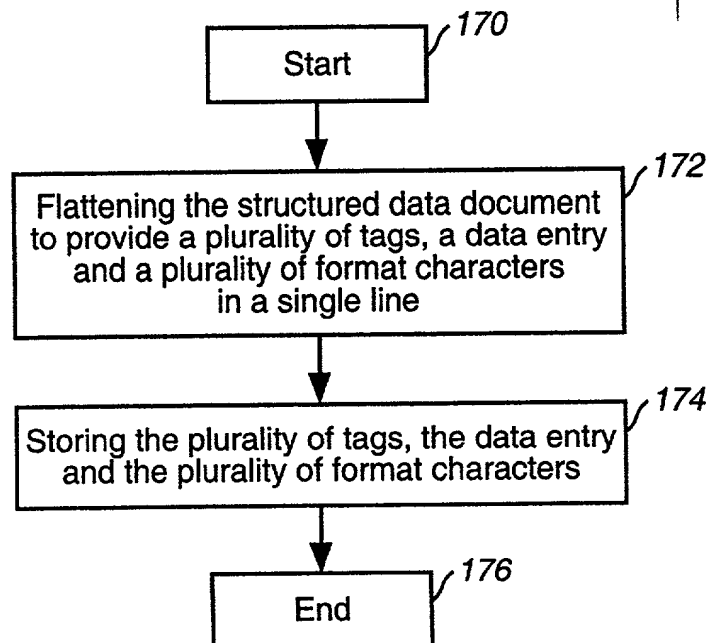


FIG. 4

**FIG. 5****FIG. 6**

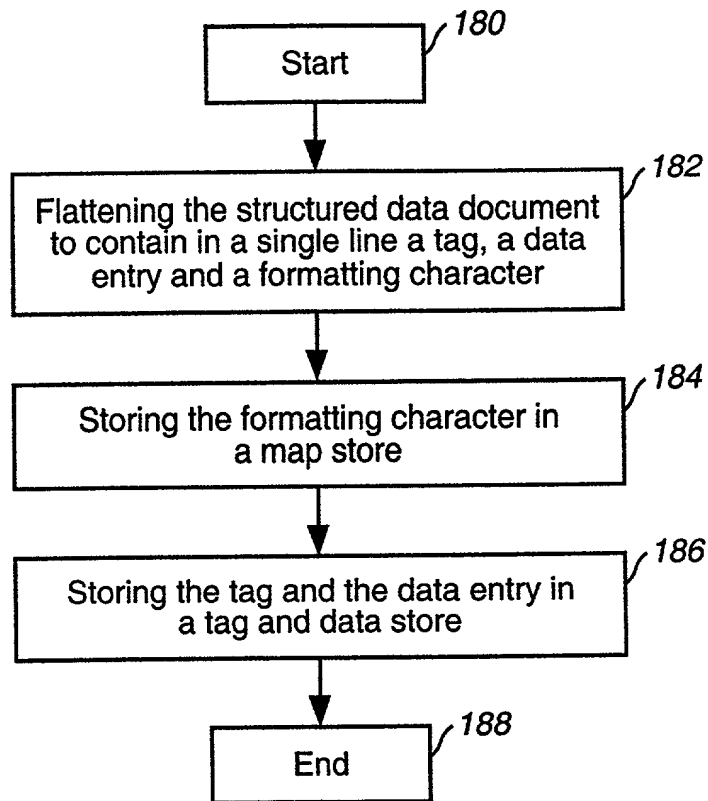


FIG. 7

200

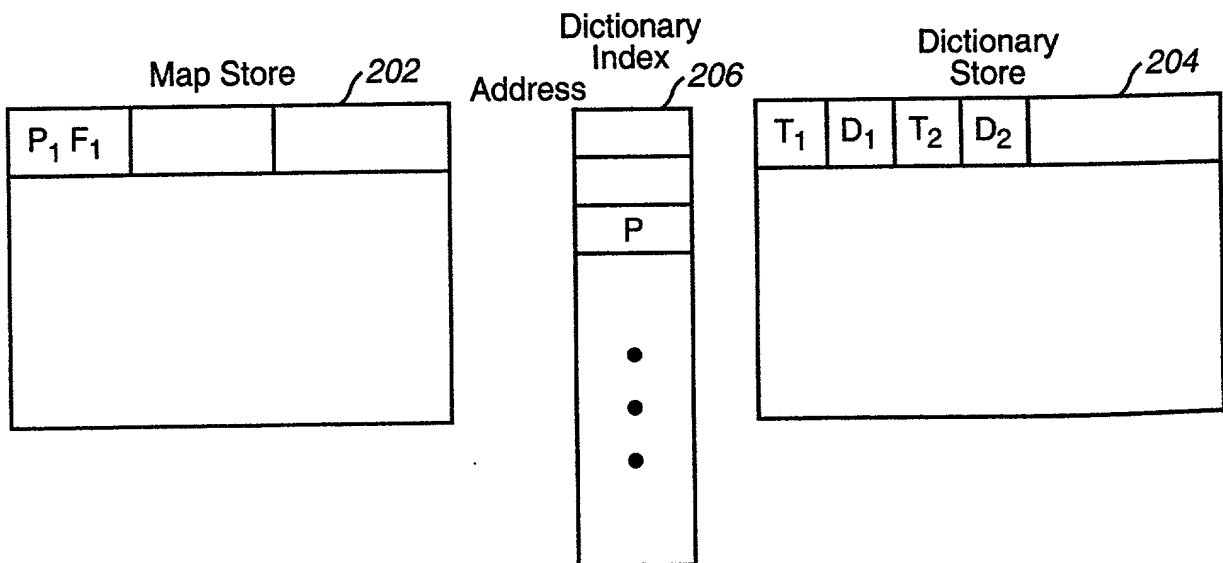


FIG. 8

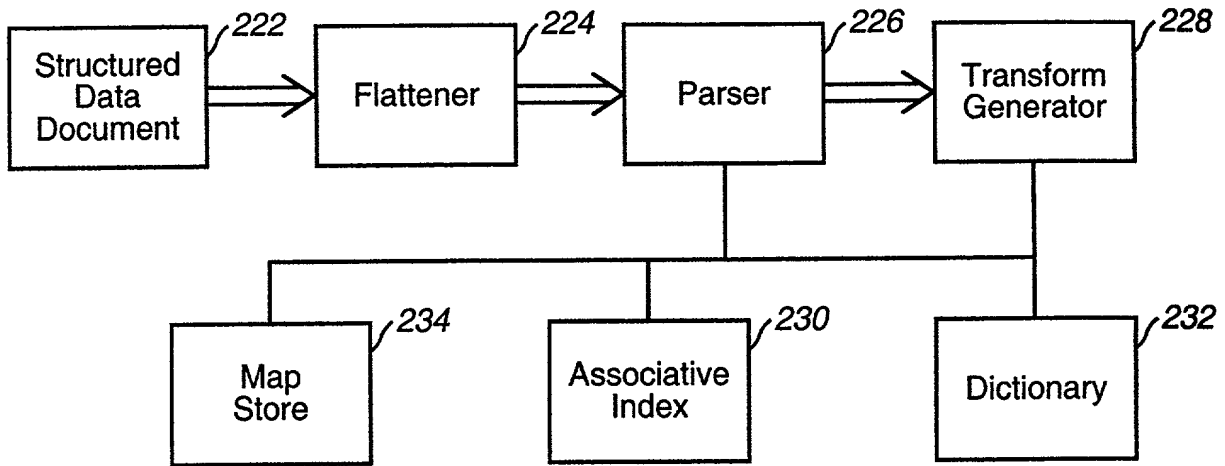


FIG. 9

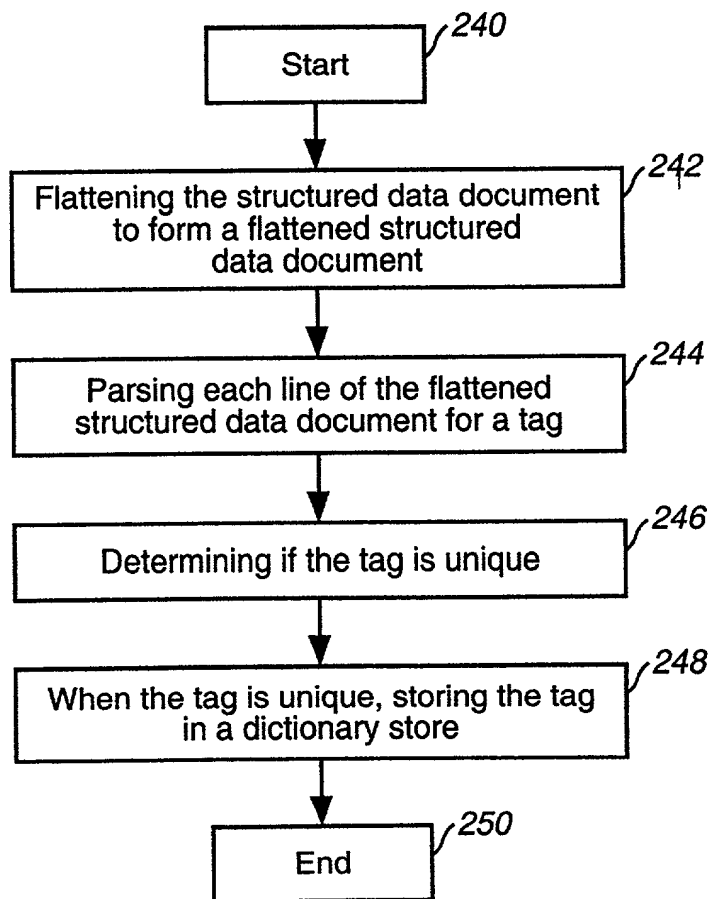


FIG. 10

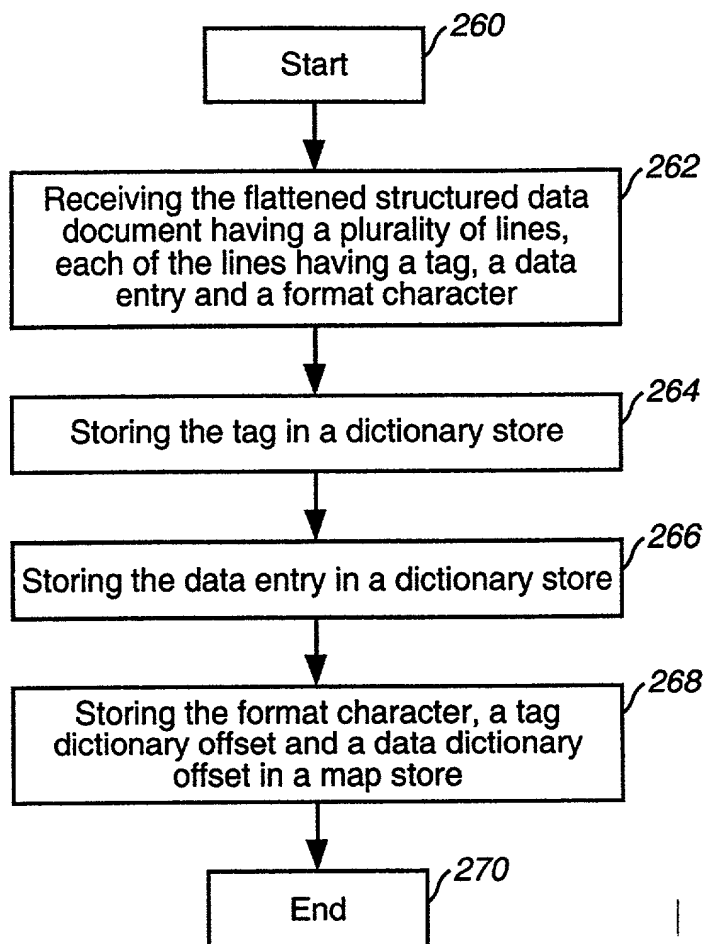


FIG. 11

300

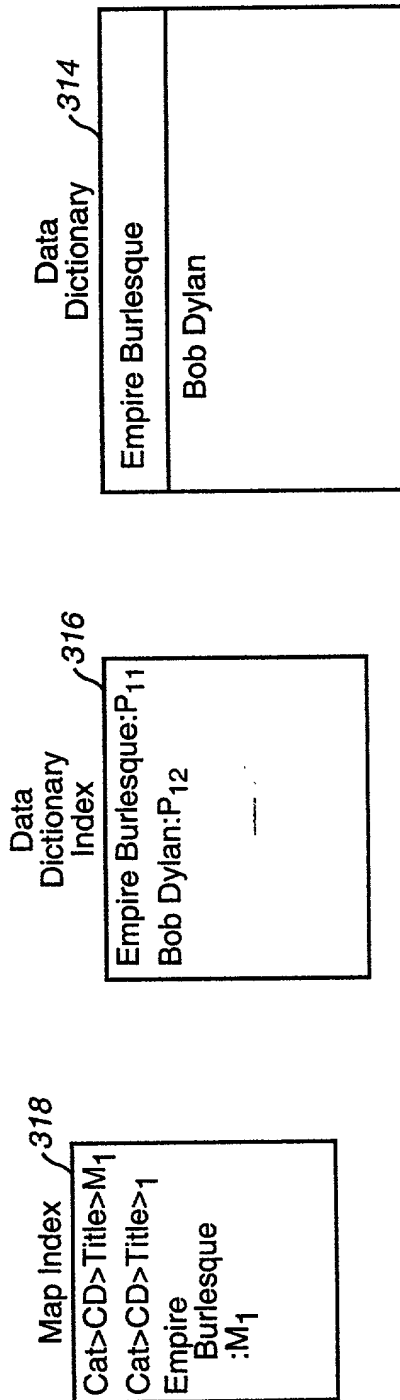
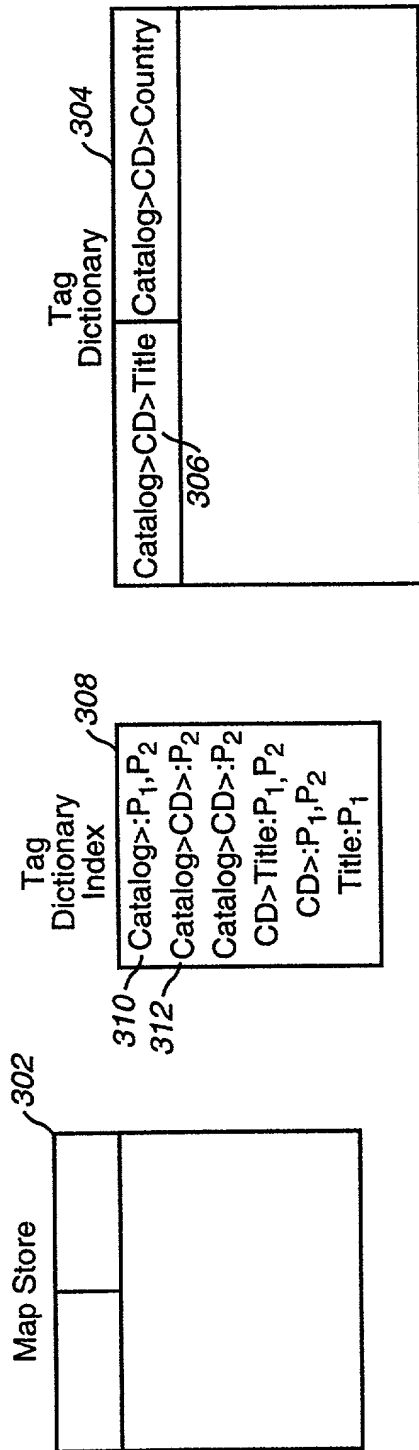


FIG. 12

/ Catalog / CD / Title 330
 / Catalog / CD / Title / Empire Burlesque 332
 / CD / Title 334
 Empir* 336
 *pire 338

FIG. 13

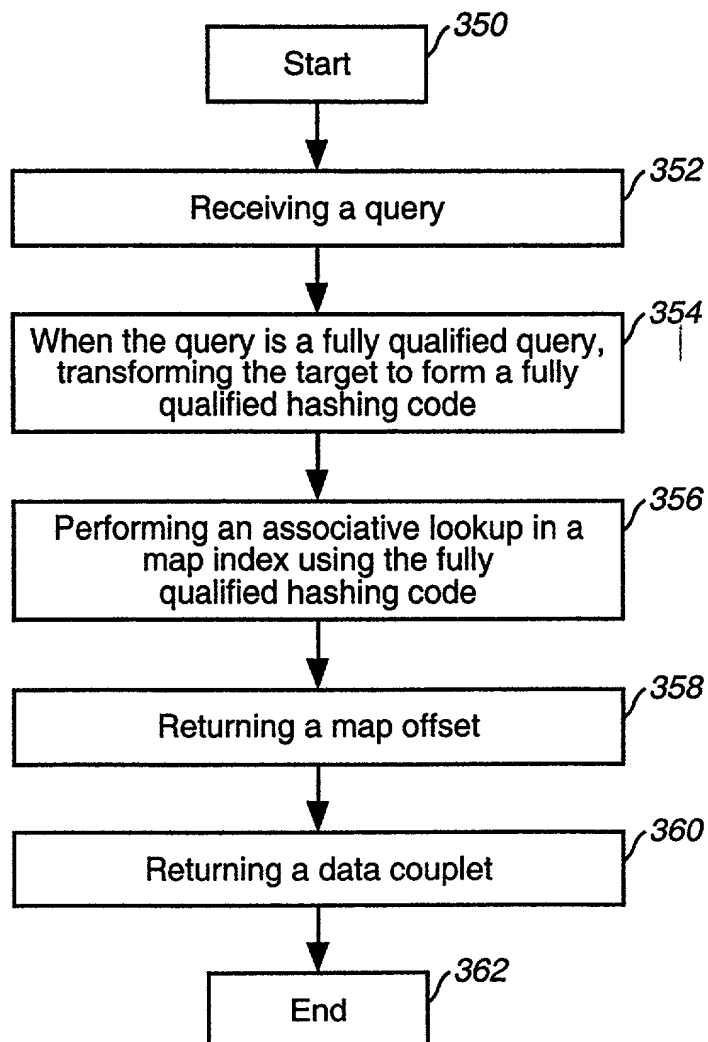


FIG. 14

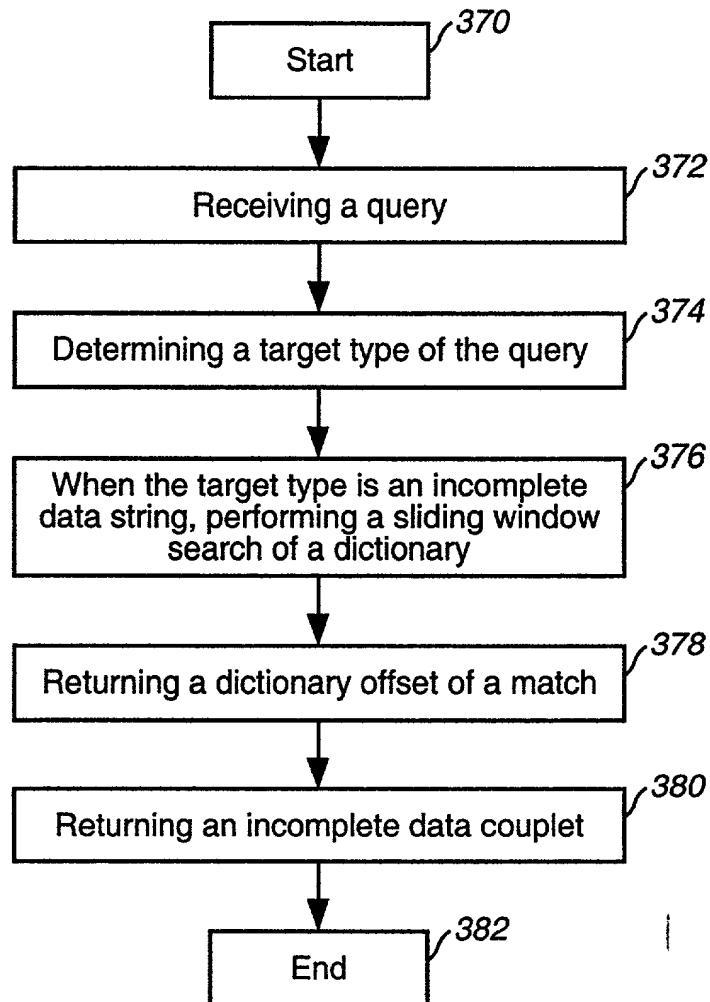


FIG. 15

11/16

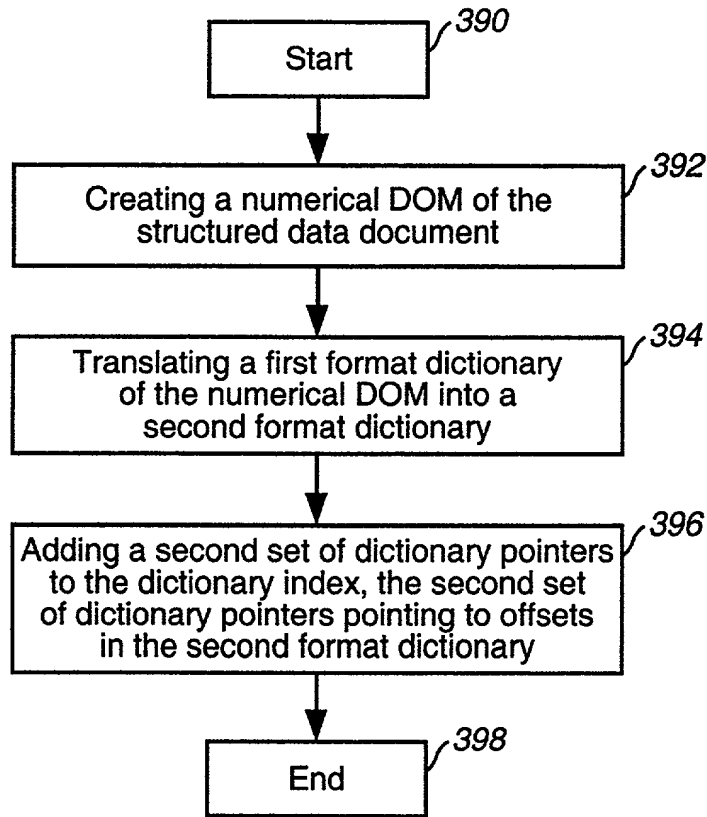


FIG. 16

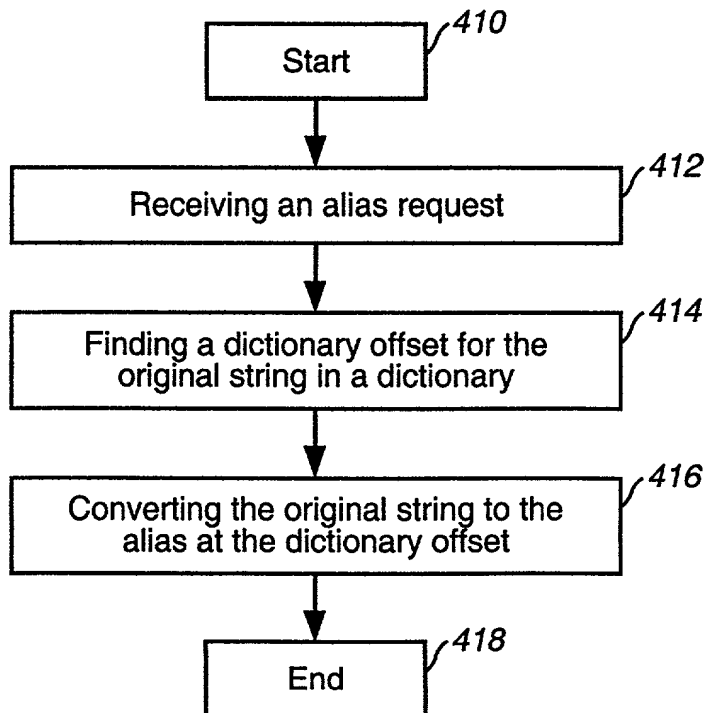


FIG. 17

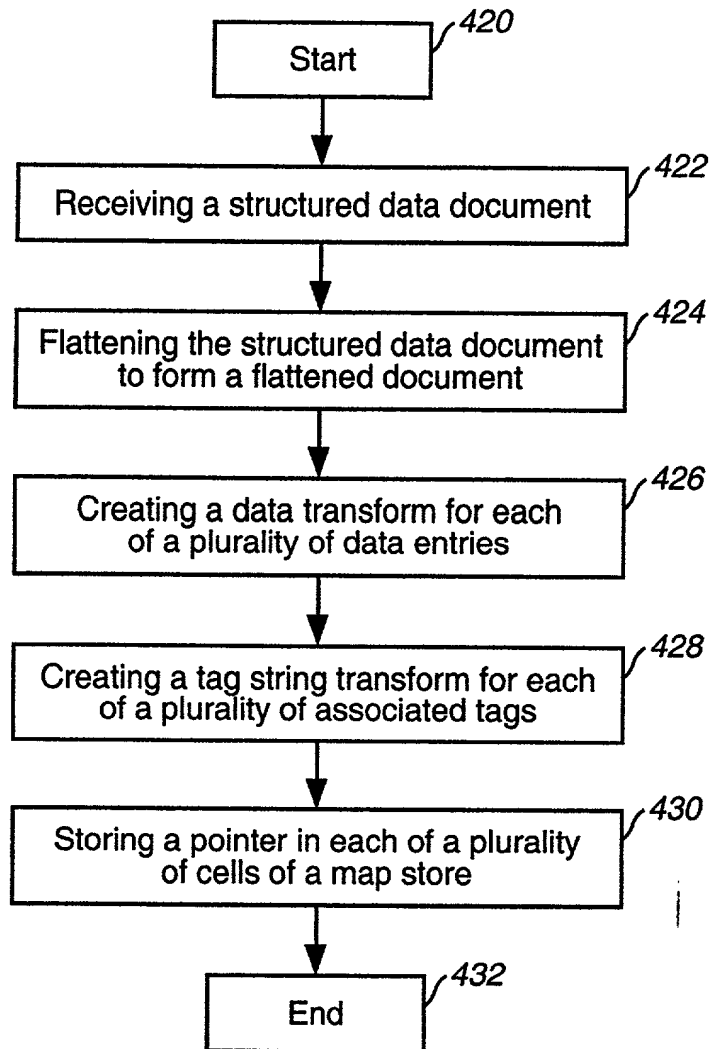
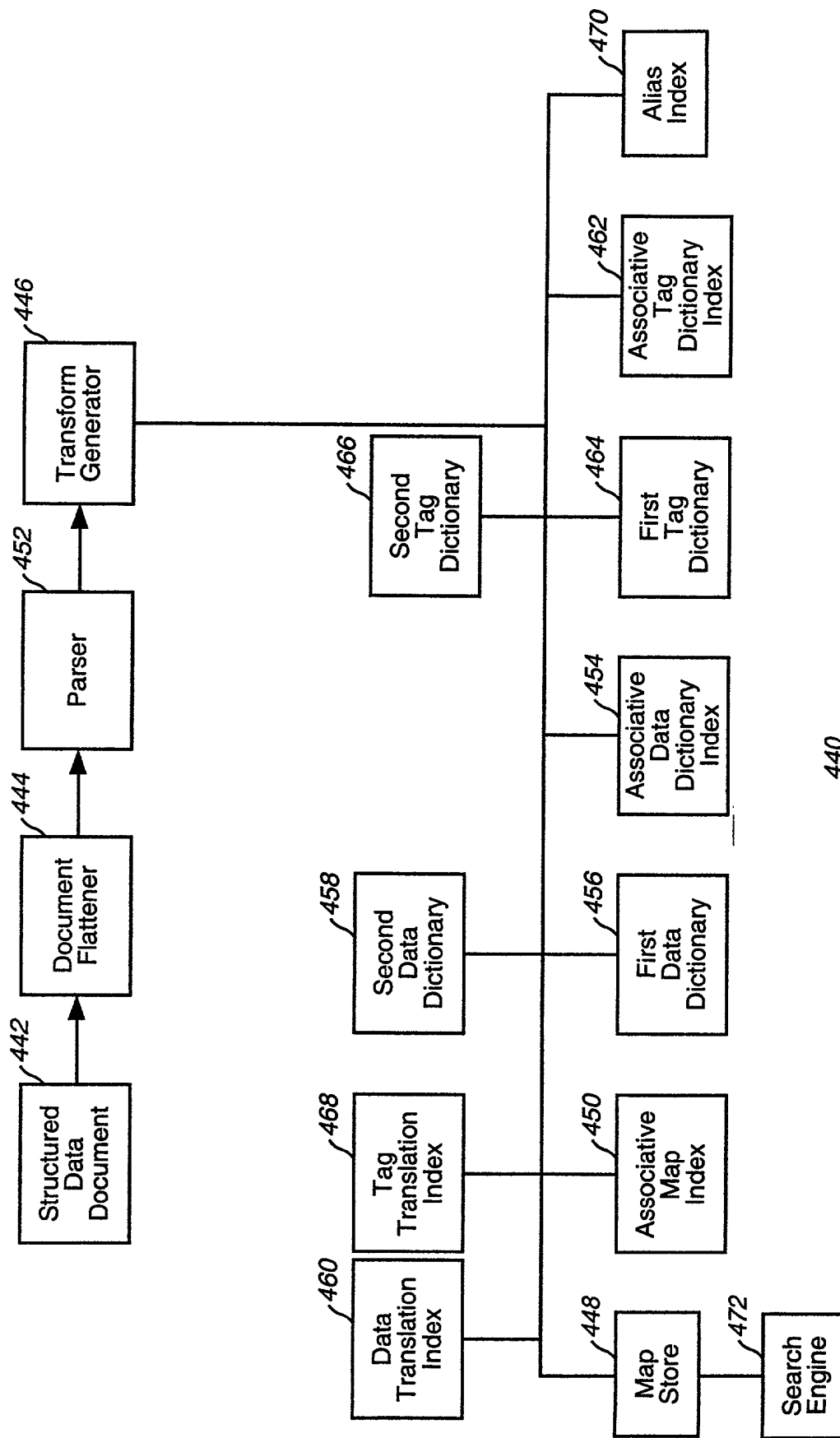


FIG. 18



440

FIG. 19

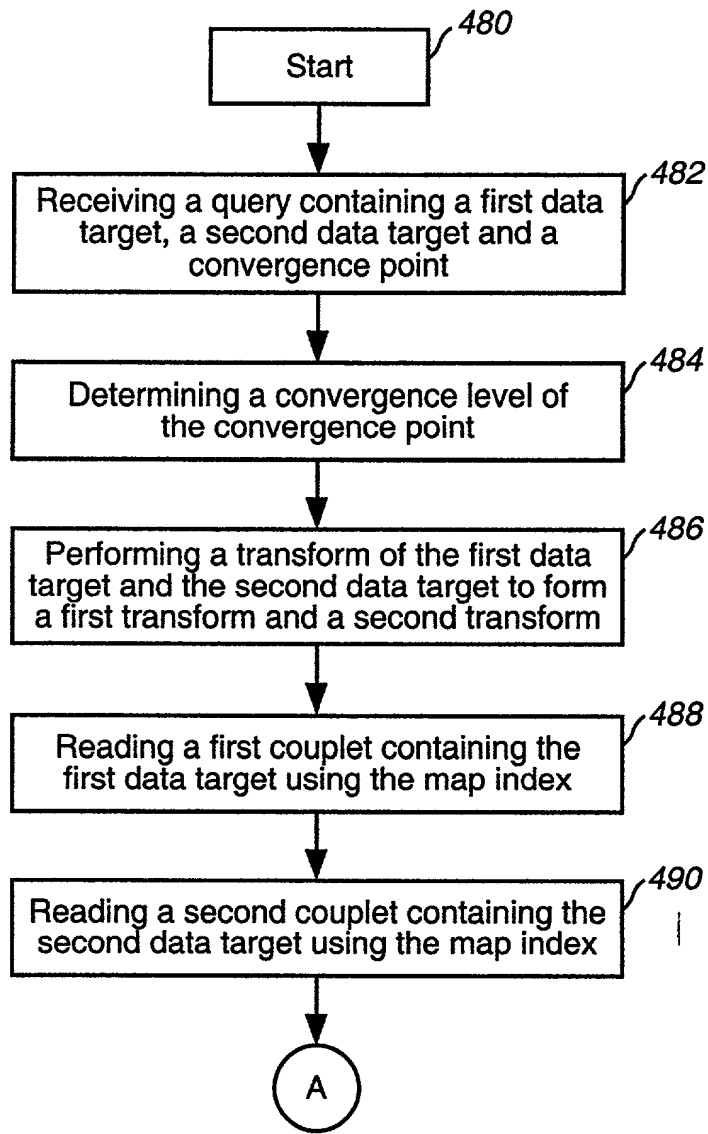


FIG. 20A

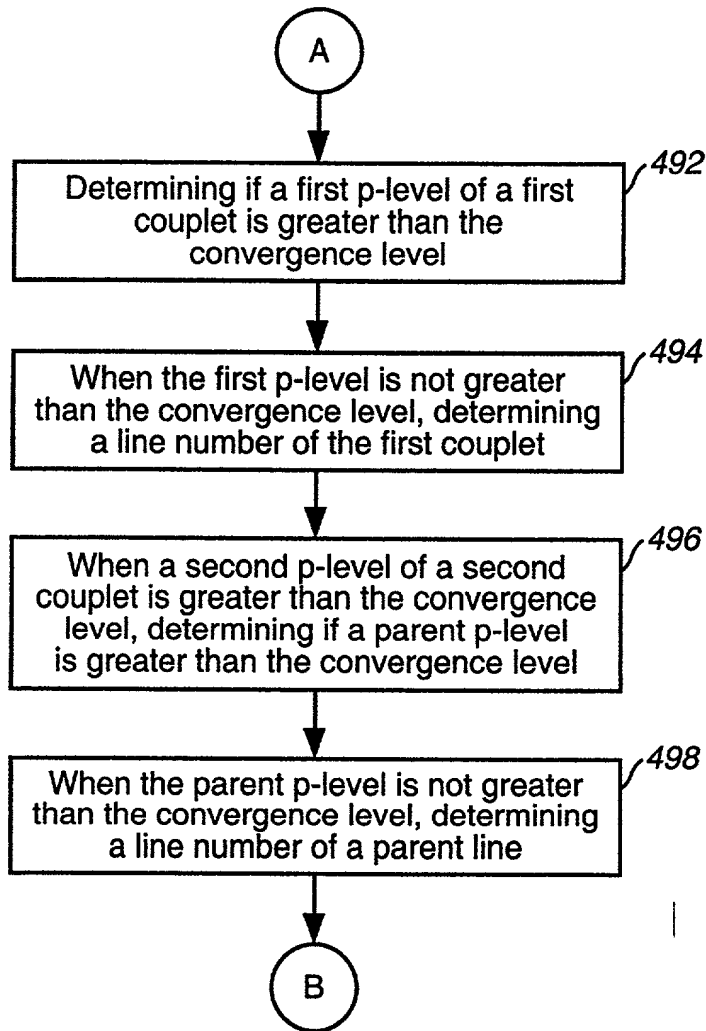


FIG. 20B

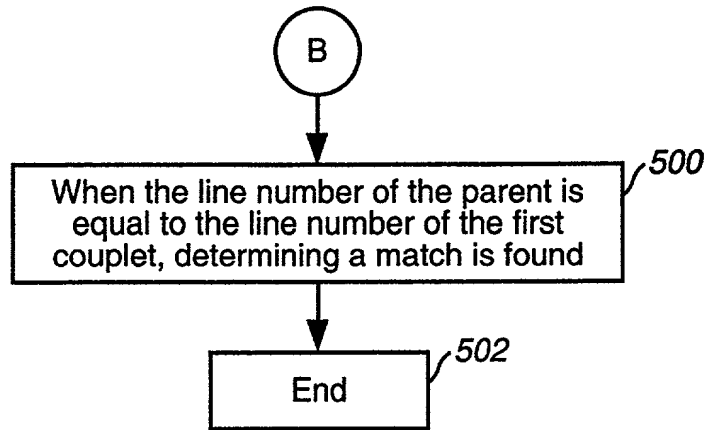


FIG. 20C

510

516 \
512 \
514 \
518 \
 <Title> "Greatest Hits" AND, "Dolly Parton" : Converging @<CD>

FIG. 21

Query ⁶⁰⁰ CD-612
/CATALOG/CD (2)

① 6, 12, 18, 24 ← 604

②

6	12	18	24
7	13	19	25
8	14	20	26
9	15	21	27
10	16	22	28
11	17	23	29

← 606

Access Control ⁶⁰² CD-614
(3) ← 608
/CATALOG/CD [PRICE < 10.00]

16, 22
↓
12 18
13 19 ← 610
14 20
15 21
16 22
17 23

FIG. 22 Access Control ⁶²² CD-626
Query ⁶²⁰ CD-624
/CATALOG/CD/Artist/ (3) [PRICE < 10.00] (3)

7, 13, 19, 25 ← 630

16, 22
↓
12 18
13 19 ← 628
14 20
15 21
16 22
17 23

FIG 23

Query ⁶⁴⁰ CD-640 Access Control ⁶⁴² CD-644
(2)

/CATALOG/CD/Artist/ (3) /CATALOG/CD/

- ① 7, 13, 19, 25 - 650
- ②
- | | | | | |
|----|-----|-----|-----|-----|
| 6, | 12, | 18, | 24, | 648 |
| ↓ | ↓ | ↓ | ↓ | |
| 8 | 12 | 18 | 24 | |
| 7 | 13 | 17 | 25 | |
| 8 | 14 | 20 | 26 | |
| 9 | 15 | 21 | 27 | |
| 10 | 16 | 22 | 28 | |
| 11 | 17 | 23 | 29 | |
- ← 652

FIG. 24

09977086-101601

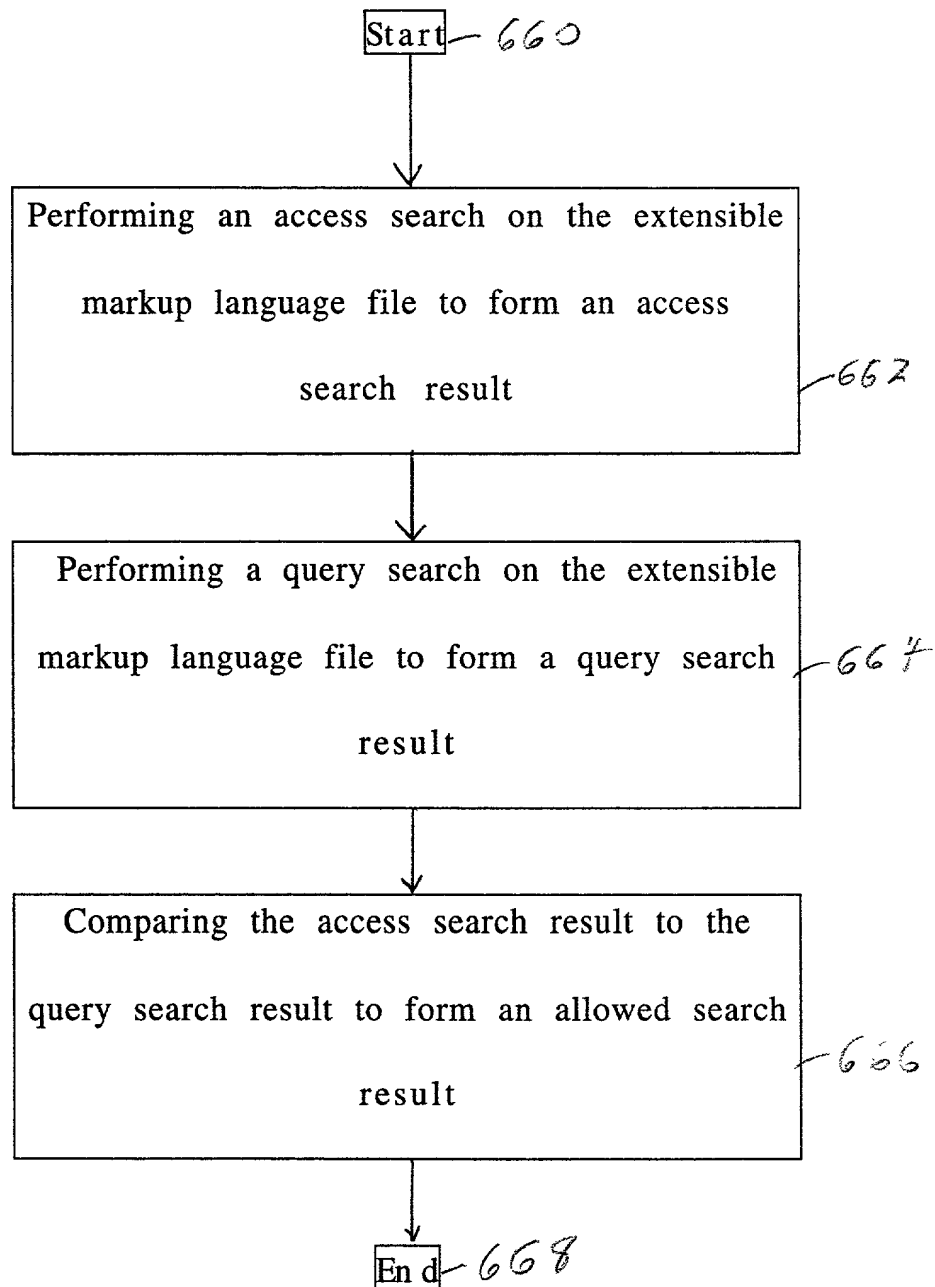


FIG. 25

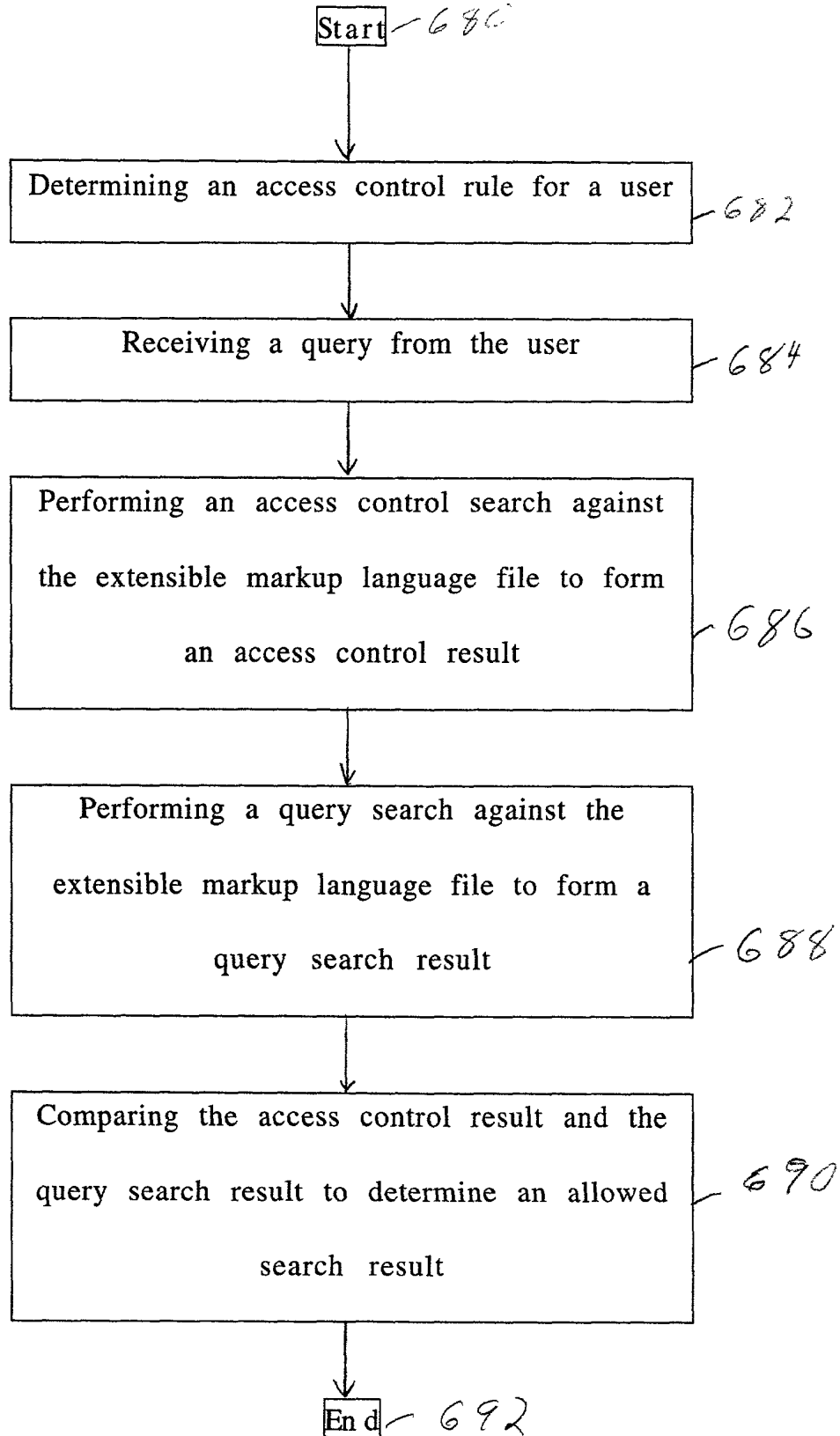


FIG. 26

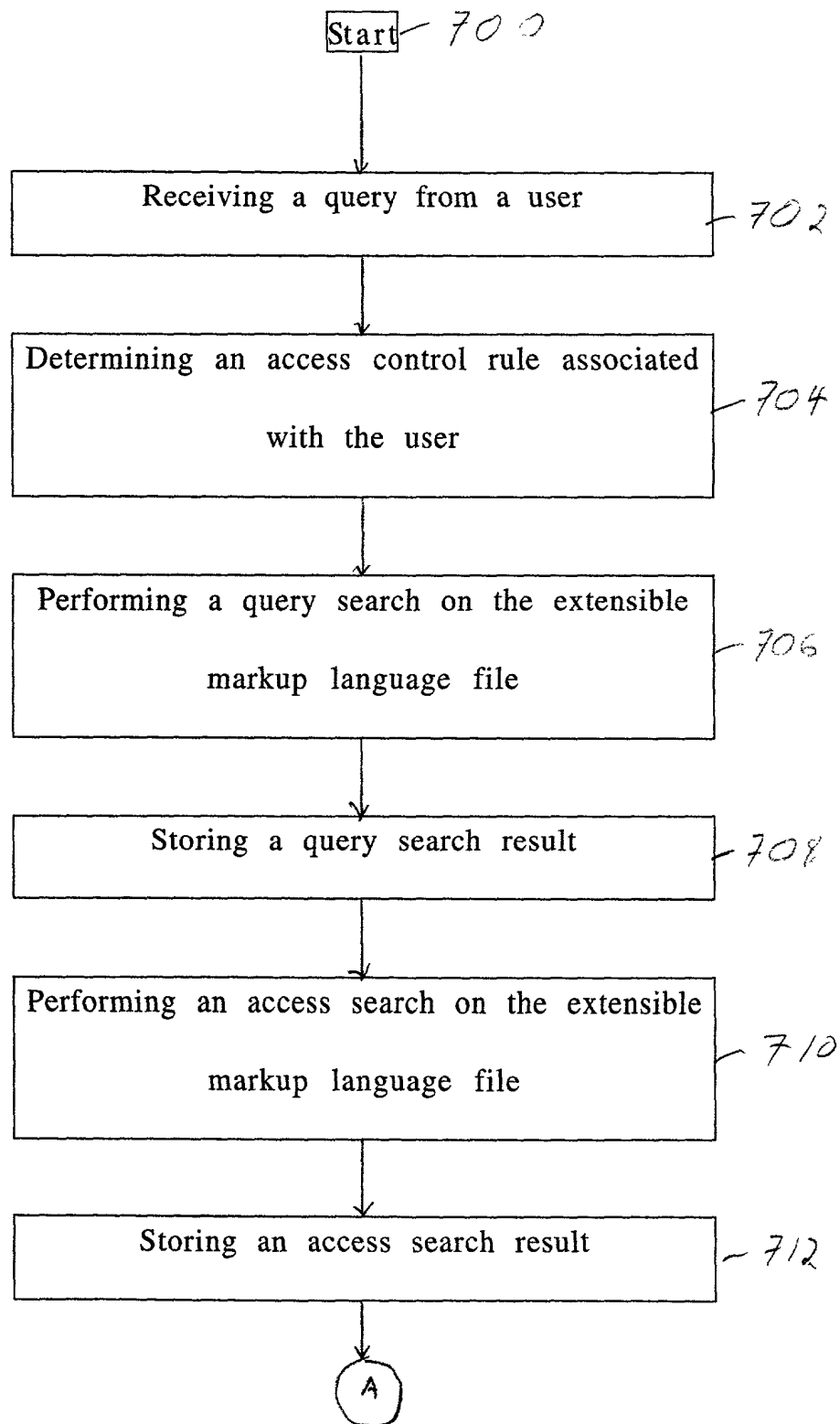


FIG. 27

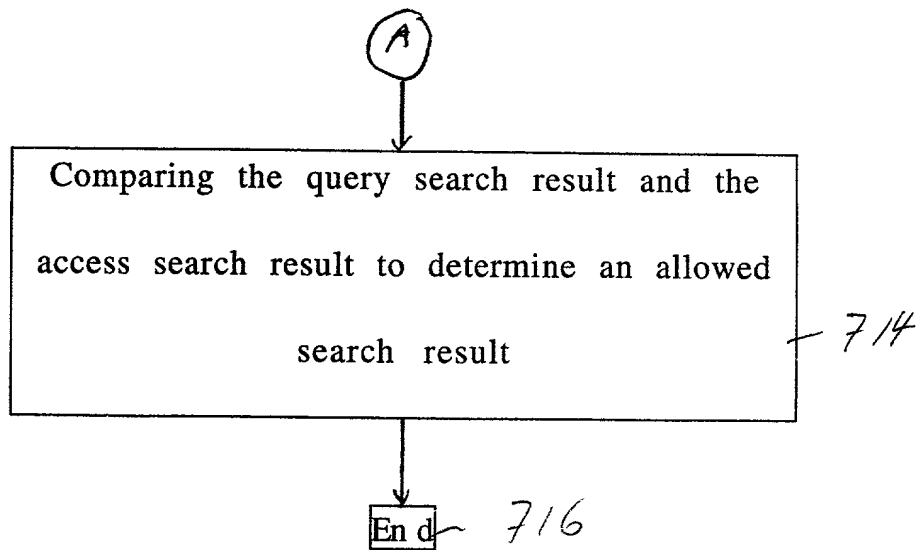


FIG. 28

Query - 720

/NO/ CAT/CO/ L_{PRC} < "9.75" AND Artist = "Bob Dylan"]

Execution Stack - 722

Pattern 730

724
Type Convergence 726 Term 728
Depth 736
3-734 NO/CAT/CO/PRCO7

9.75-738

Bob Dylan

T-EQ 3 NO/CAT/CO/Artist7

T-OP AND

FIG. 29

